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Block, Seymour S. Disinfection, Sterilization and Preservation. 2d. Ed., 1977, Feb., 75

Breuer, M. M., ed. Cosmetic Science, Vol. 2, 1981, Sept., 56

Horwitz, W., ed. Official Methods of Analysis of the A.O.A.C., 13th Ed., 1980, Oct., 81

Johnson, J. C. Emulsifiers and Emulsifying Techniques, 1979, Oct., 81

Kirk-Othmer Encyclopedia of Chemical Technology, Vol. 11, June, 60; Vols. 12, 13, 14, 1980, Oct., 81

McCutcheon's Detergents & Emulsifiers, 1980, June. 60

Marmion, Daniel M. Handbook of U.S. Colorants for Foods, Drugs, and Cosmetics, 1979, March, 103

Clayton, George D., and Florence Patty's Industrial
Hygiene & Toxicology, 3d. Rev. Ed., March, 104
Osci. Arthur ed Remington's Pharmacoutical

Osol, Arthur, ed. Remington's Pharmaceutical Sciences, 16th Ed., 1980, Oct., 82

Parrish, J., et al. UV-A, 1979, June, 60

Schroder, Karlheinz Grundlagen und Rezepturen der Kosmetik, 1979, June, 60

Skousen, M. B. Aloe Research, March, 103

Swern, Daniel Bailey's Industrial Oils and Fats, 4th Ed., Vol. 1, 1979, March, 104

Wade, Ainley, ed. The Pharmaceutical Handbook, 19th Ed., 1980, March, 104

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